

METHOD FOR RECYCLING METALS FROM SWARF

ABSTRACT

5 A method for recycling metals from swarf includes steps of removing
oil in swarf by means of surfactant having a feature of strong
hydrophilicity. The steps involves repeated stirring and washing,
separating solid from liquid, and separating oil from water so as to force
oil separate from the surface of solid, finishing all the steps in 10 – 30
10 minutes. Metals after finished the treatment may have only 1% of oil
remained thereon, possible to be reused in metalworking. Oil and
washing solution are also reusable after treated, so the method is
effective both for treating waste and for recycling resources.

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